

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**JPP-1235-DIV1**

In Re Application Of: **MACDOUGALD ET AL.**

Serial No.

Filing Date

**09/10/2003**

Examiner

Group Art Unit

Title: **METHOD FOR MANUFACTURING DENTAL RESTORATIONS**

Address to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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**METHOD FOR MANUFACTURING DENTAL RESTORATIONS**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

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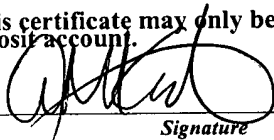
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Dated: September 10, 2003

**ANN M. KNAB**  
**REG. NO. 33, 331**

CC:

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

JPP-1235-DIV1

SERIAL NO.

MACDOUGALD ET AL.

FILING

09/10/2003

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,265,669	05-05-1981	STARLING ET AL.			
	4,585,417	04-29-1986	SOZIO ET AL.			
	4,689,197	08-25-1987	GROLL ET AL.			
	4,798,536	01-17-1989	KATZ			
	4,828,495	05-09-1989	BELL ET AL.			
	4,879,136	11-07-1989	POLZ			
	4,957,440	09-18-1990	HANKINS ET AL.			
	4,980,124	12-25-1990	DIMMER			
	5,080,589	01-14-1992	ODEN ET AL.			
	5,104,591	04-14-1992	MASUHARA ET AL.			
	5,121,329	06-09-1992	CRUMP			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 328 772	08-23-1989	EUROPE			✓	
	EP 0 872 218 A2	10-21-1998	EUROPE			✓	
	EP 523 019	01-13-1993	EUROPE			✓	
	WO 94/08783	04-28-1994	PCT			✓	
	DE 198 20 763 A1	09-10-1997	GERMANY				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	DAE-JOO KIM and MYUNG-HYUN LEE, Mechanical Properties of Tape-Cast Alumina-Glass Dental Composites. J. Am. Ceram Soc. 82[11] 3167-72 (1999).
	KAPPERT, H. F., KNODE, H., In-Ceram: Testing a New Ceramic Material. Quintessence, Vol. 16, 87-97, 1993

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>JPP-1235-DIV1</b>		SERIAL NO.	
				MACDOUGALD ET AL.			
				FILING <b>09/10/2003</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,346,397	09-13-1994	BRAIMAN			
		5,653,791	08-05-1997	PANZERA ET AL.			
		5,711,833	01-27-1998	APTE ET AL.			
		5,714,025	02-03-1998	BRUNGARDT			
		5,779,833	07-14-1998	CAWLEY ET AL.			
		5,788,498	08-04-1998	WOHLWEND			
		5,839,900	11-24-1998	BILLET ET AL.			
		5,866,058	02-02-1999	BATCHELDER ET AL.			
		5,900,207	05-04-1999	DANFORTH ET AL.			
		5,910,273	06-08-1999	THIEL ET AL.			
		5,916,498	06-29-1999	HOFMANN			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
		60032706	02-19-1985	JAPAN			
		WO 01/15620 A1	03-08-2001	PCT			
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		PCT INTERNATIONAL SEARCH REPORT, DECEMBER 15, 2000					
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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				MACDOUGALD ET AL.			
				FILING <b>09/10/2003</b>		GROUP	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,942,063	08-24-1999	MORI			
		5,958,468	09-28-1999	KUNKEL ET AL.			
		5,975,905	11-02-1999	KIM ET AL.			
		5,336,091	08-09-1994	SHOHER ET AL.			
		5,776,382	07-07-1998	KIM ET AL.			

FOREIGN PATENT DOCUMENTS								
*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

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